

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130630.D
 Acq On : 12 Oct 2022 15:15
 Operator : CG\JU
 Sample : N5067-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C25(24-25)

Quant Time: Oct 13 05:44:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

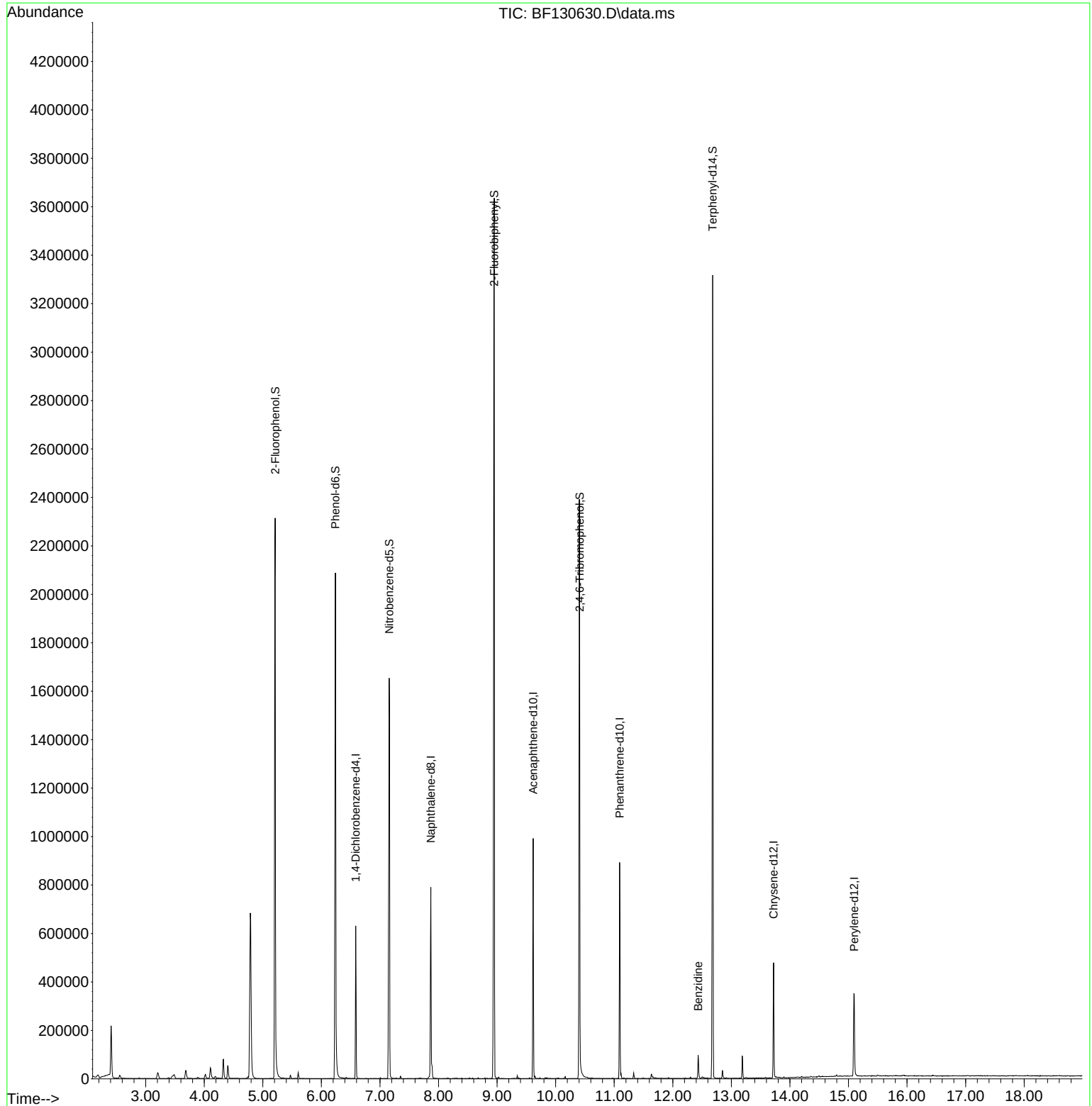
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.586	152	83995	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	332135	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	179611	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	296661	20.000	ng	0.00
76) Chrysene-d12	13.721	240	150890	20.000	ng	0.00
86) Perylene-d12	15.098	264	150232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	703671	151.009	ng	0.02
7) Phenol-d6	6.239	99	792231	135.224	ng	0.00
23) Nitrobenzene-d5	7.157	82	620139	101.928	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	305607	173.889	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1235088	104.161	ng	0.00
79) Terphenyl-d14	12.680	244	1154962	127.041	ng	0.00
Target Compounds						
77) Benzdine	12.433	184	35535	9.317	ng	Qvalue 98

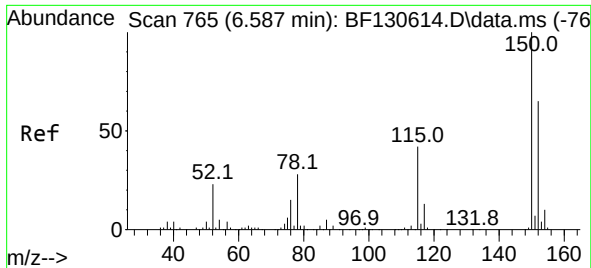
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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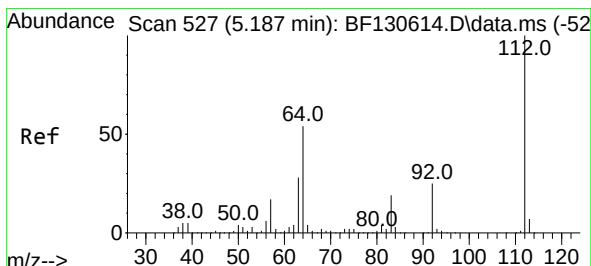
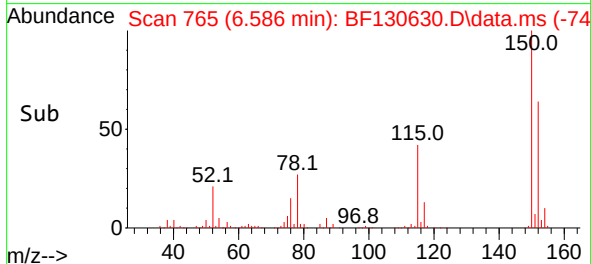
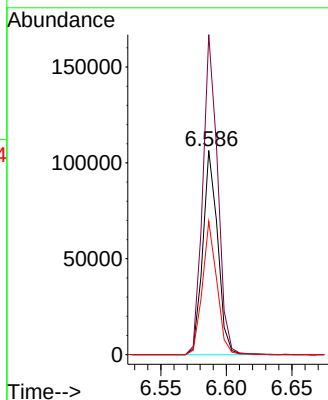
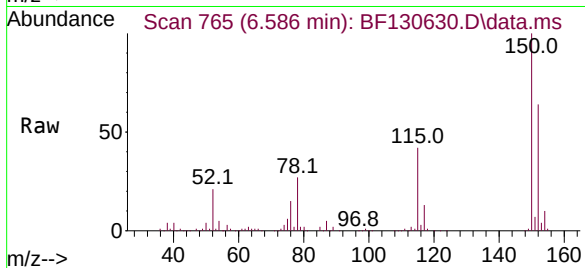




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.586 min Scan# 70
Delta R.T. -0.001 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

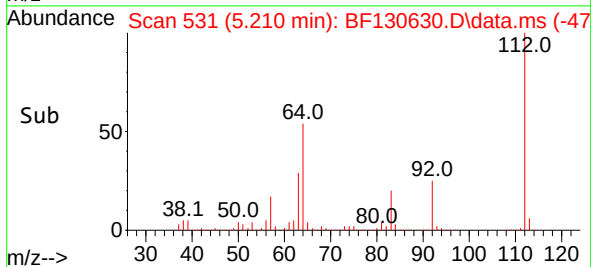
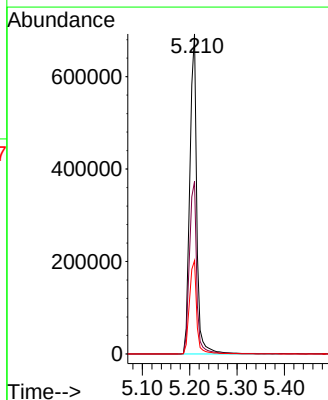
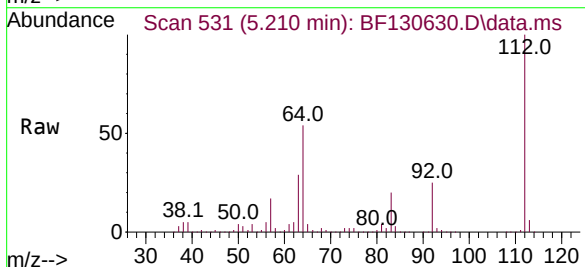
Instrument :
BNA_F
ClientSampleId :
C25(24-25)

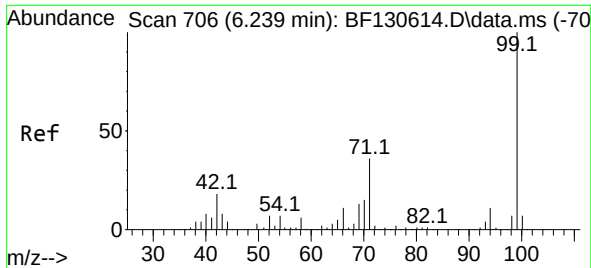
Tgt Ion:152 Resp: 83995
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.6
115 65.3 52.2 78.4



#5
2-Fluorophenol
Concen: 151.009 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.023 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

Tgt Ion:112 Resp: 703671
Ion Ratio Lower Upper
112 100
64 53.9 43.5 65.3
63 29.1 22.6 34.0

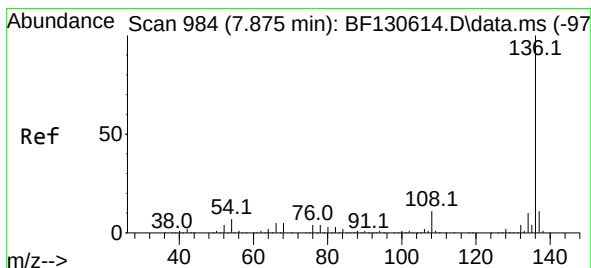
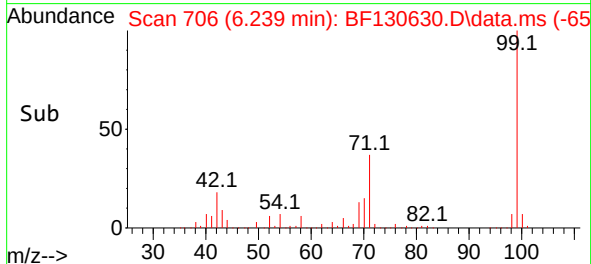
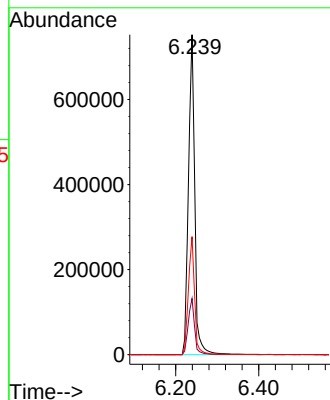
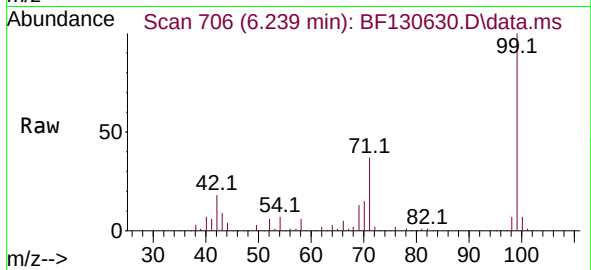




#7
Phenol-d6
Concen: 135.224 ng
RT: 6.239 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

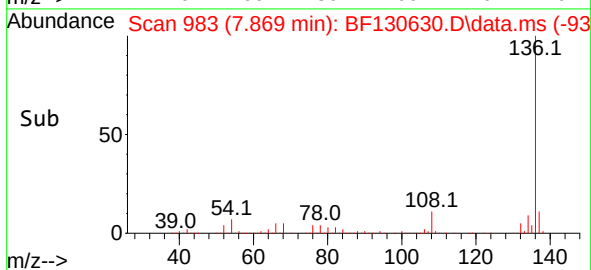
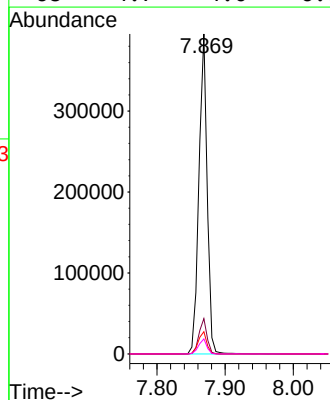
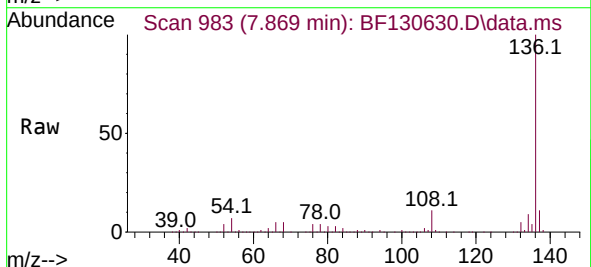
Instrument :
BNA_F
ClientSampleId :
C25(24-25)

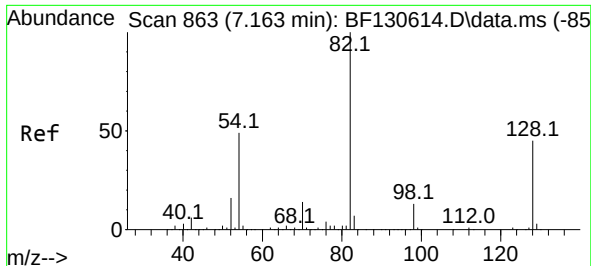
Tgt Ion: 99 Resp: 792231
Ion Ratio Lower Upper
99 100
42 17.6 14.0 21.0
71 36.9 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

Tgt Ion: 136 Resp: 332135
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.9 5.5 8.3
68 4.7 4.0 6.0

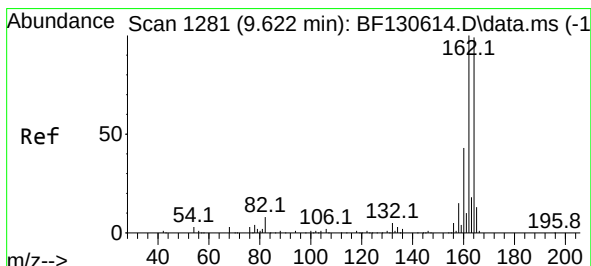
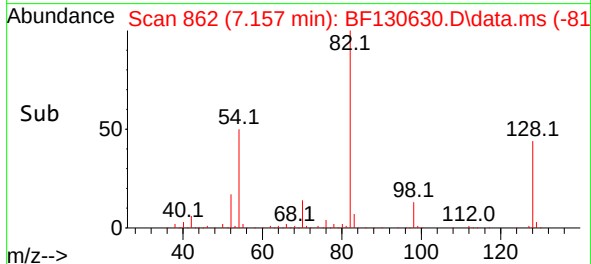
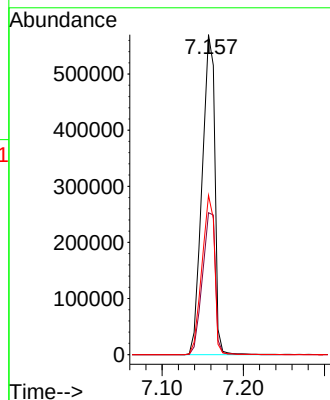
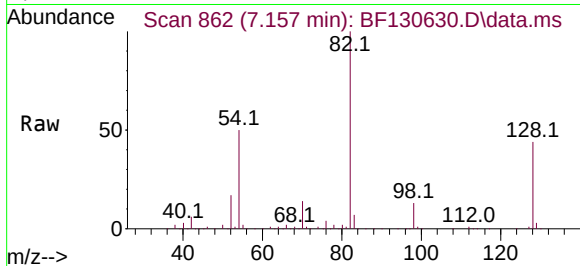




#23
Nitrobenzene-d5
Concen: 101.928 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

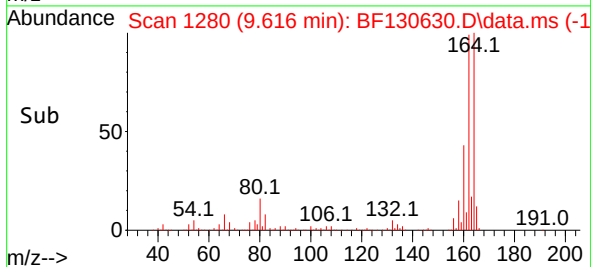
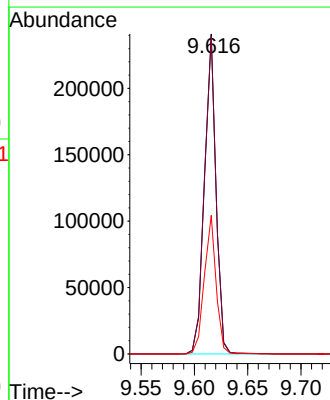
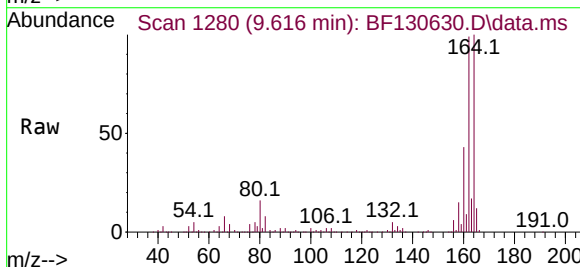
Instrument :
BNA_F
ClientSampleId :
C25(24-25)

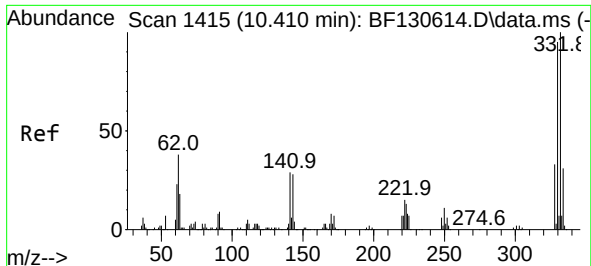
Tgt Ion: 82 Resp: 620139
Ion Ratio Lower Upper
82 100
128 44.3 35.8 53.6
54 49.8 39.3 58.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

Tgt Ion:164 Resp: 179611
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.4
160 43.3 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 173.889 ng

RT: 10.410 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF130630.D

Acq: 12 Oct 2022 15:15

Instrument :

BNA_F

ClientSampleId :

C25(24-25)

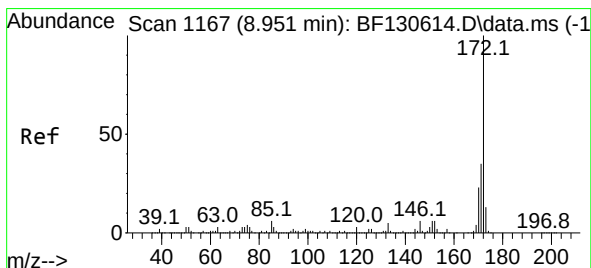
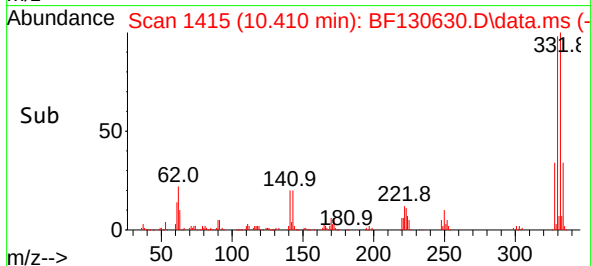
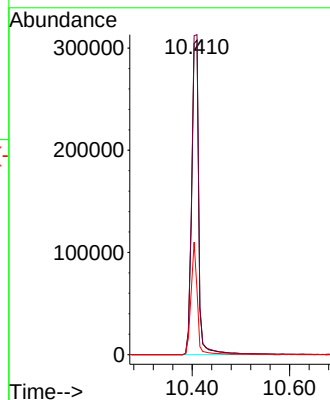
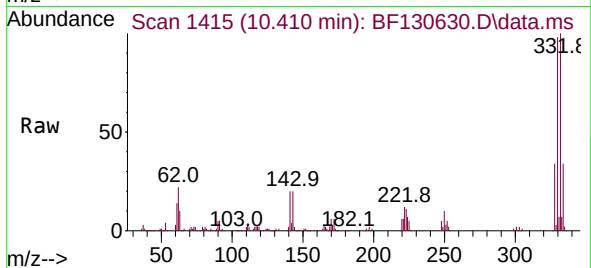
Tgt Ion:330 Resp: 305607

Ion Ratio Lower Upper

330 100

332 103.2 84.2 126.4

141 32.0 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 104.161 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF130630.D

Acq: 12 Oct 2022 15:15

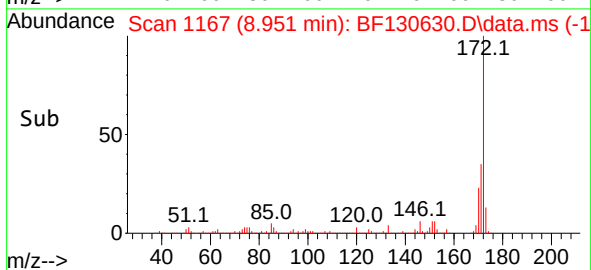
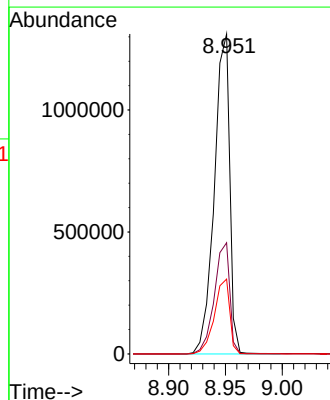
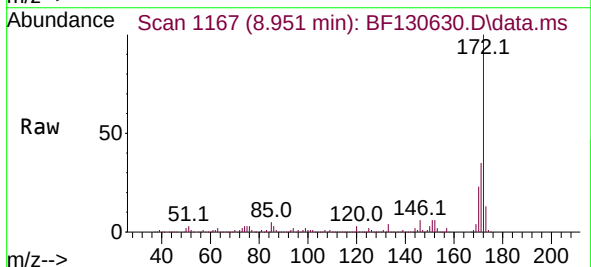
Tgt Ion:172 Resp: 1235088

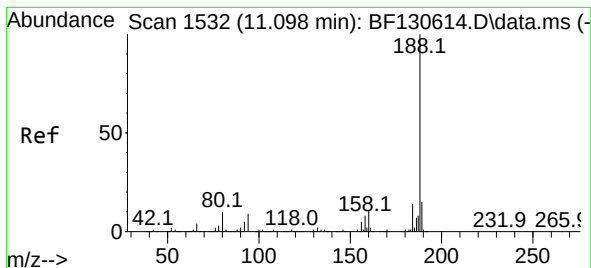
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.8

170 23.4 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130630.D

Acq: 12 Oct 2022 15:15

Instrument :

BNA_F

ClientSampleId :

C25(24-25)

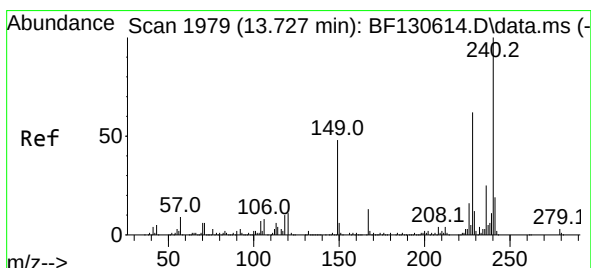
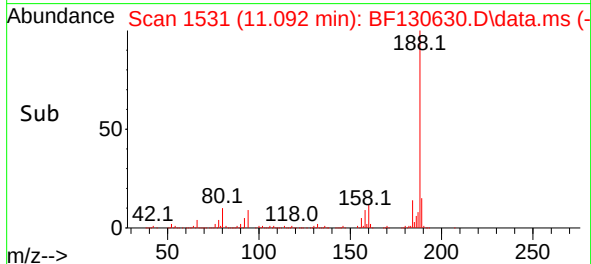
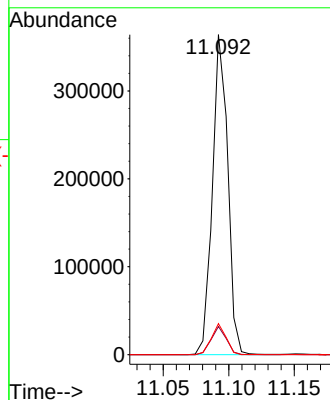
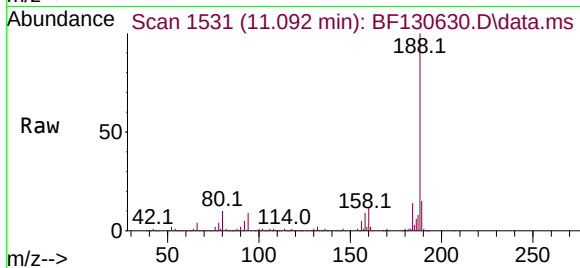
Tgt Ion:188 Resp: 296661

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 9.7 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.721 min Scan# 1978

Delta R.T. -0.006 min

Lab File: BF130630.D

Acq: 12 Oct 2022 15:15

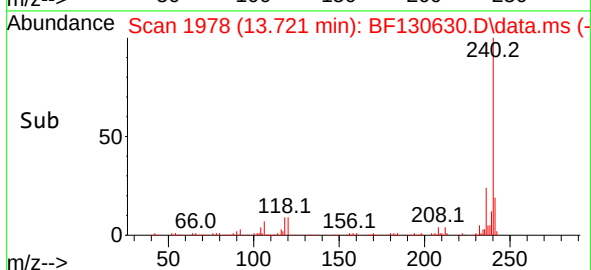
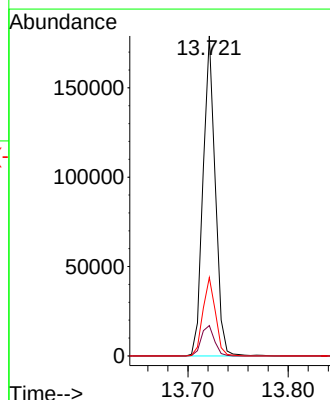
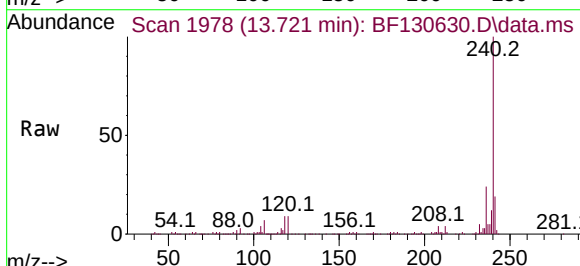
Tgt Ion:240 Resp: 150890

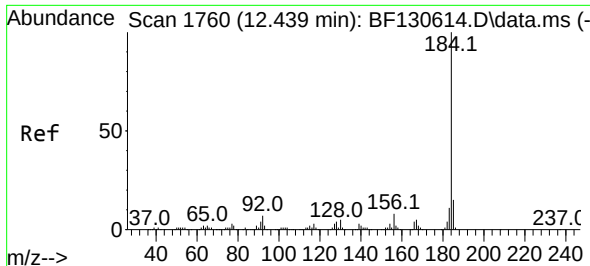
Ion Ratio Lower Upper

240 100

120 9.5 8.6 13.0

236 24.5 20.2 30.4

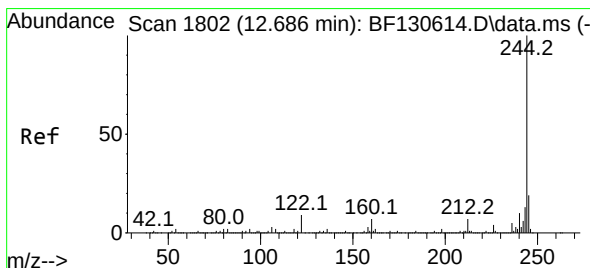
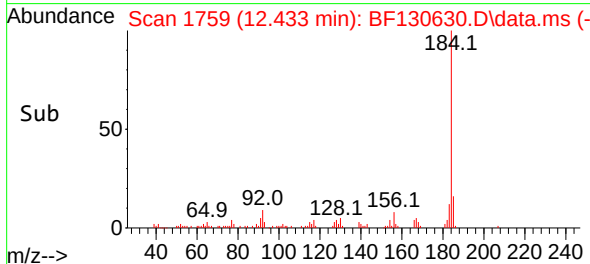
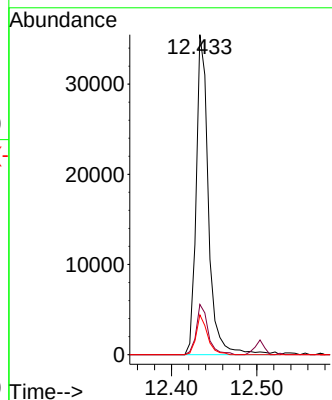
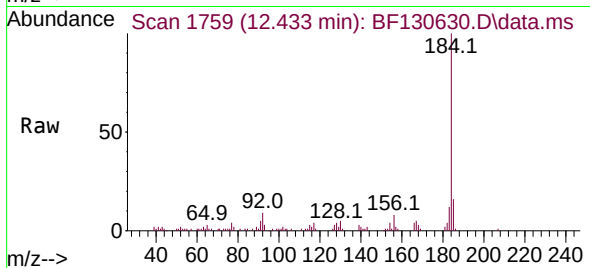




#77
Benzidine
Concen: 9.317 ng
RT: 12.433 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

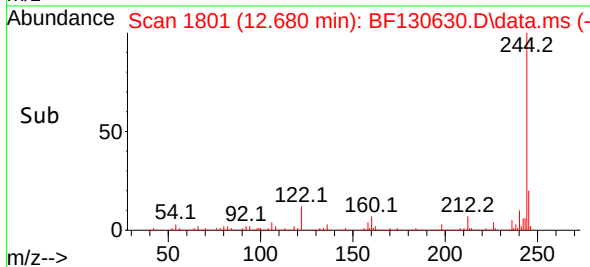
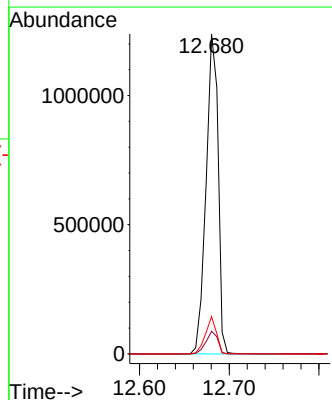
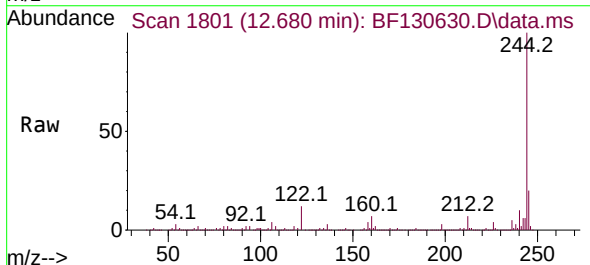
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C25(24-25)

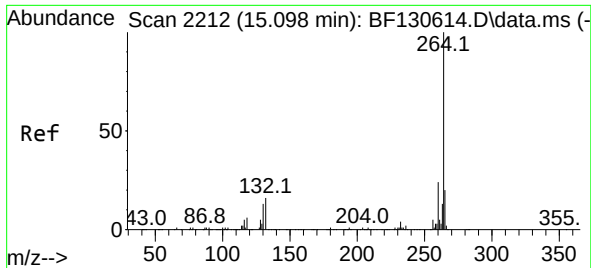
Tgt Ion:184 Resp: 35535
Ion Ratio Lower Upper
184 100
185 15.7 12.0 18.0
183 12.4 9.0 13.4



#79
Terphenyl-d14
Concen: 127.041 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

Tgt Ion:244 Resp: 1154962
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.7 7.5 11.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

Instrument :
BNA_F
ClientSampleId :
C25(24-25)

Tgt Ion:264 Resp: 150232
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.3 16.4 24.6

